ABSTRACT OF THE DISCLOSURE

A power supplying device for an electric discharge machine capable of preventing intermission of an electric discharge by a voltage from a subsidiary power supply circuit during delay time from generation of the electric discharge to a rise of a voltage from a main power supply circuit without increasing a leakage current in applying the voltage from the subsidiary power supply circuit. A parallel circuit composed of a current reducing resistor and a capacitor is provided in series in the subsidiary power supply circuit. A controller turns on a switching element of the subsidiary power supply circuit to apply a voltage to urge generation of an electric discharge between an electrode and a workpiece as the other electrode. When the electric discharge is generated, electricity charging the capacitor flows between the electrodes to maintain the electric discharge even if an electric discharge current vibrates by inductance and floating capacitance. The controller turns on a switching element of a main power supply circuit to apply the machining current in response to detection of the electric discharge. The current reducing resistor suppresses the leakage current during the application of the voltage from the subsidiary power supply circuit.